

Chang, Tsung Yu

(Travis Chang)

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Objective:

Looking for objective - c / ruby on rails / embedded software engineer with any type of position in Toronto, Canada. Contract, intern and temporary project are also welcome.

Education:

National Central University

Bachelor of Engineering in Mechanical Engineering

Taoyuan City, Taiwan

Sep 2005 to Jul 2010

Work Experience:

Digilog

Taipei, Taiwan

objective - c / ruby on rails engineer

Apr 2015 to present

- Build up a online shopping cart, ticket and online class system in website <http://digilog.tw>.
- Credit card / Paypal / convenience store payment connect.
- jQuery / Javascript / Bootstrap UX and Ajax designed and programming.
- Build up POS system connect with the web site in OS X.

Insyde Software

Taipei, Taiwan

BIOS software engineer

Dec 2013 to Apr 2015

- Support OEM company porting Insyde UEFI BIOS software to build up HP lap taps.

NEXCOM International Co., Ltd

New Taipei City, Taiwan

ARM software engineer

Jun 2012 to Jun 2013

- Porting and custom u-boot and Linux for Ti am335x ARM board and Freescale imx6 ARM.
- ARM base, Linux kernel i2c RTC, CAN bus & GPIO event(for power control) driver developing.
- Testing program by shell script for factory function test.
- Communicate with daughter board by SPI & I2C protocol using QT and C language.

Self Project:

Rock Click - iPhone App (objective - c)

App Store

website: <http://www.rock-click.com>

github: <https://github.com/cty222/Metronome>

This iPhone App project is an drummer metronome which is designed and created by myself.

Using skills: Objective-c, Logic pro for voice recording and mix, Illustrate for UI Image drawing.

Real life room escape game

Taipei, Taiwan

- Make up 6 devices for room escape game, include electric design , micro controller programing include I2C, SPI and GPIO protocol for sensors communicate and power control.
- Communicate with Windows system computer by UART to usb for playing films, switch by RFID cards

Other Information:

Now with 1 year open work permit in Canada since Sep 2015.

Language : English - intermediate (In this reason, it might be helpful if you have more patient to speaking slowly to me to understand a question. Or email me first.)

Mandarin - fluent